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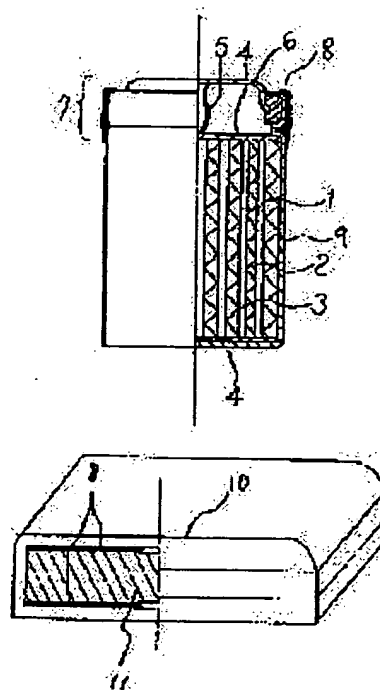
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## 4) BATTERY

### 7)Abstract:

**PURPOSE:** To prevent the electrolyte leakage from a sealing part at alling and improve safety by providing silicone gel in the sealing part of a battery having an electrode body and electrolyte housed in a facing an and in the clearance between the battery and a battery case.

**ONSTITUTION:** Silicone gel 8 is provided in the sealing part 7 of a battery in which an electrode body formed by interposing a separator 2 between a positive electrode 1 and a negative electrode 3 and an electrolyte are housed in a facing can 9. The silicone gel 8 is also provided in the clearance part between the battery 11 and case 10 of a battery pack having the battery case 10 for housing the battery 11. The silicone gel 8 is a solid-liquid compatible material, which keeps the gelled state within a wide temperature range because the polymer frame is thermally stable. The hardness or viscosity can be freely changed by changing the molecular weights or cross-linked state of organopolysiloxane and polyhydrodiene siloxane, and no solvent or adhesive is required at coating or ticking.



## GAL STATUS

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